



Claim Amendments

1. (currently amended) A device comprising:
  - (a) a housing and
  - (b) a non-porous support in a well of said housing, wherein a surface of said support comprises a plurality of biopolymers, said well having walls and said housing comprising at least one wall extending upwardly from a top edge of said well to a top portion of said housing, wherein said at least one wall is at least partially sloped in an area thereof adjacent said well.
2. (previously presented) A device according to Claim 1 wherein said at least one wall is designed such that corners thereof are radiused.
3. (previously presented) A device according to Claim 1 wherein said support has dimensions of about 0.5 inches to about 1.5 inches by about 0.5 inches to about 1.5 inches or by about 2.0 inches to about 4.0 inches with a thickness of about 0.030 to about 0.05 inches.
4. (original) A device according to Claim 1 wherein the height of said walls of said well is at least about 0.010 inches.
5. (previously presented) A device according to Claim 1 wherein said at least one wall is sloped from the edge of said well to a top portion of said housing.

Claims 6-11 (canceled).

12. (previously presented) A device according to Claim 1 wherein said at least one wall is a circular wall extending from the edge of said well to a top portion of said device.

Claims 13-16 (canceled).

17. (previously presented) A device according to Claim 1 wherein said partially sloped wall is sloped at least about 35 degrees.

18. (previously presented) A device according to Claim 1 wherein said at least partially sloped wall is sloped at about 30 to about 55 degrees.

Claim 19 (canceled).

20. (previously presented) A device according to Claim 1 wherein said plurality of biopolymers are in the form of an array on a surface of said support.

21. (original) A device according to Claim 20 wherein said biopolymers are polynucleotides.

22. (original) A device according to Claim 3 wherein the slope of said partially sloped wall is constant.

23. (previously presented) A device according to Claim 3 wherein the slope of said partially sloped wall is not constant.

24. (previously presented) A device according to Claim 1 comprising a single well and further comprising a cover.

Claims 25-70 (canceled).

71. (currently amended) A device comprising:

- (a) a housing and
- (b) a non-porous support in a well of said housing wherein a surface of said support comprises an array of biopolymers, said well having walls and said housing comprising at least one wall extending from an area adjacent a top edge of said well to a top portion of said housing, wherein a ledge extends horizontally from said top edge of said well to an area adjacent a bottom edge of said at least one wall.

72. (previously presented) A device according to Claim 71 wherein said at least one wall is designed such that corners thereof are radiused.

73. (previously presented) A device according to Claim 71 wherein said at least one wall is at least partially sloped in an area thereof adjacent said well.

74. (previously presented) A device according to Claim 71 wherein the height of said walls of said well is at least about 0.010 inches.

75. (previously presented) A device according to Claim 73 wherein said at least one wall is at least partially sloped at about 10 to about 60 degrees

76. (previously presented) A device according to Claim 73 wherein said ledge extends from an edge of said well to the sloping portion of said at least one wall.

77. (previously presented) A device according to Claim 71 wherein a width of said ledge is about 0.050 to about 1.00 inches.

78. (previously presented) A device according to Claim 77 wherein said at least one wall comprises a partially sloped portion in an area adjacent said ledge and a vertical portion extending from said partially sloped portion to a top portion of said device.

79. (previously presented) A device according to Claim 73 wherein said at least one wall is fully sloped from said ledge to the top portion of said housing.

80. (previously presented) A device according to Claim 71 wherein said ledge is rectangular in shape about said well.

81. (previously presented) A device according to Claim 71 wherein said ledge is circular in shape about said well.

82. (previously presented) A device according to Claim 81 wherein said at least one wall is a circular wall extending from said ledge to a top portion of said device.

83. (previously presented) A device according to Claim 71 wherein said at least one wall is a circular wall extending from said ledge to a top portion of said device.

84. (previously presented) A device according to Claim 71 wherein said device comprises at least two walls that are fully sloped from said ledge to a top portion of said device.

85. (previously presented) A device according to Claim 84 wherein said device comprises two opposing walls that are fully sloped from said ledge to the top portion of said device and two opposing walls extending vertically from said ledge to said top portion.

86. (previously presented) A device according to Claim 84 wherein said device comprises four walls that are fully sloped from said ledge to the top portion of said device.

87. (previously presented) A device according to Claim 73 wherein said partially sloped wall is sloped at least about 35 degrees.

88. (previously presented) A device according to Claim 73 wherein said at least partially sloped wall is sloped at about 30 to about 55 degrees.

89. (previously presented) A device according to Claim 71 wherein said ledge comprises a polished surface that prevents wicking of a liquid along said ledge.

90. (previously presented) A device according to Claim 71 wherein said biopolymers are polynucleotides.

91. (previously presented) A device according to Claim 90 wherein said polynucleotides are DNA.

92. (previously presented) A device according to Claim 90 wherein said biopolymers are proteins or peptides.

93. (previously presented) A device according to Claim 73 wherein the slope of said partially sloped wall is constant.

94. (previously presented) A device according to Claim 73 wherein the slope of said partially sloped wall is not constant.

95. (previously presented) A device according to Claim 71 comprising a single well and further comprising a cover.

96. (previously presented) A device according to Claim 71 wherein said at least one wall is designed such that any corners thereof are distant from the edge of said well by about 0.1 inch to about 1 inch.

97. (previously presented) A device according to Claim 71 wherein said support has dimensions of about 0.5 inches to about 1.5 inches by about 0.5 inches to about 1.5 inches or by about 2.0 inches to about 4.0 inches with a thickness of about 0.030 to about 0.05 inches.

98. (previously presented) A device according to Claim 1 wherein said at least partially sloped wall is sloped at about 15 to about 60 degrees.

99. (new) A device comprising:

- (a) a housing and
- (b) a support in a well of said housing, wherein a surface of said support comprises a plurality of biopolymers, said well having walls and said housing comprising at least one wall extending upwardly from a top edge of said well to a top portion of said housing, wherein said at least one wall is at least partially sloped in an area thereof adjacent said well and wherein the slope of said partially sloped wall is not constant.

100. (new) A device comprising:

- (a) a housing and
- (b) a support in a well of said housing wherein a surface of said support comprises an array of biopolymers, said well having walls and said housing comprising at least one wall extending from an area adjacent a top edge of said well to a top portion of said housing, wherein a ledge extends horizontally from said top edge of said well to an area adjacent a bottom edge of said at least one wall and wherein said at least one wall comprises a partially

sloped portion in an area adjacent said ledge and a vertical portion extending from said partially sloped portion to a top portion of said device.

101. (new) A device comprising:

(a) a housing and

(b) a support in a well of said housing wherein a surface of said support comprises an array of biopolymers, said well having walls and said housing comprising at least one wall extending from an area adjacent a top edge of said well to a top portion of said housing, wherein a ledge extends horizontally from said top edge of said well to an area adjacent a bottom edge of said at least one wall and wherein said device comprises at least two walls that are fully sloped from said ledge to a top portion of said device and wherein said device comprises two opposing walls that are fully sloped from said ledge to the top portion of said device and two opposing walls extending vertically from said ledge to said top portion.

102. (new) A device comprising:

(a) a housing and

(b) a support in a well of said housing wherein a surface of said support comprises an array of biopolymers, said well having walls and said housing comprising at least one wall extending from an area adjacent a top edge of said well to a top portion of said housing, wherein a ledge extends horizontally from said top edge of said well to an area adjacent a bottom edge of said at least one wall and wherein said at least one wall is at least partially sloped in an area thereof adjacent said well and wherein the slope of said partially sloped wall is not constant.